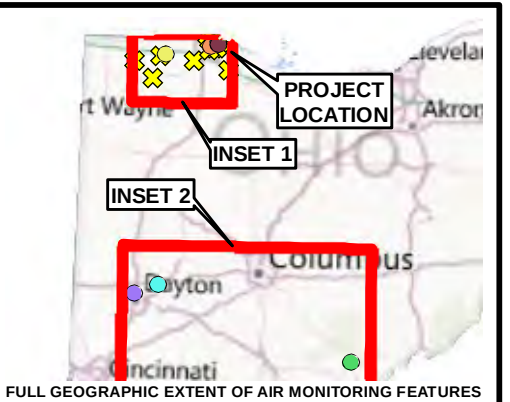
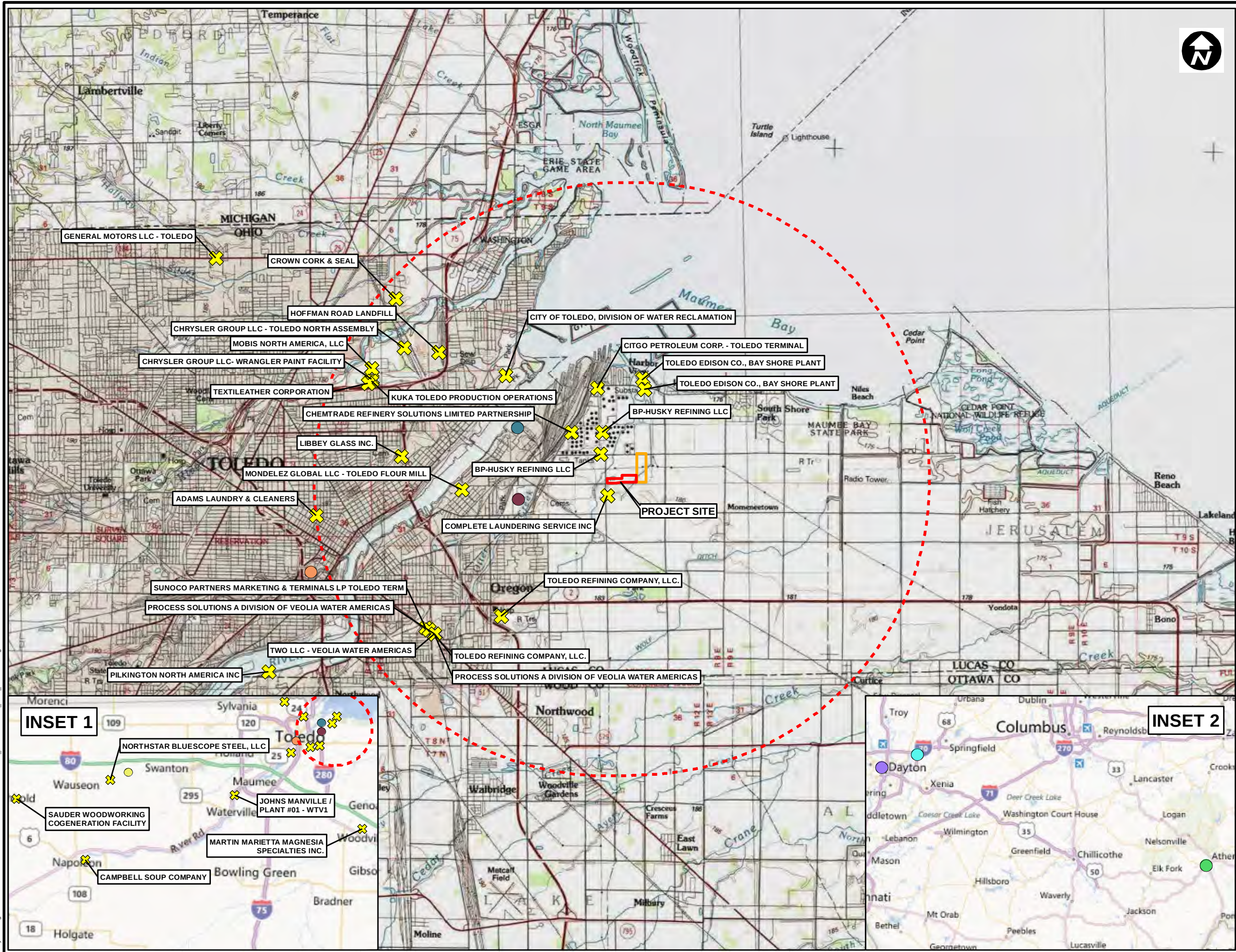


Figures – Section 4906-13-06

- Figure 06-1 – Air Monitoring Stations and Major Source Mapping
- Figure 06-2 – Air Modeling Isopleths: Annual NO₂
- Figure 06-3 – Air Modeling Isopleths: 1-hour NO₂
- Figure 06-4 – Air Modeling Isopleths: 8-hour CO
- Figure 06-5 – Air Modeling Isopleths: 1-hour CO
- Figure 06-6 – Air Modeling Isopleths: Annual PM_{2.5}
- Figure 06-7 – Air Modeling Isopleths: 24-hour PM_{2.5}
- Figure 06-8 – Air Modeling Isopleths: Annual PM₁₀
- Figure 06-9 – Air Modeling Isopleths: 24-hour PM₁₀
- Figure 06-10 – Air Transportation Facilities



- Legend**
- Project Site
 - 5-mile Project Site Radius
 - Construction Laydown Parcel
 - Major Sources within 5 Miles (Title V and PSD sources available from Ohio EPA)
- Air Quality Monitoring Stations (Elevation - ft)**
- CO (957)
 - NO2 (902)
 - O3 (589)
 - PM10 (590)
 - PM2.5 (595)
 - Pb (720)
 - SO2 (839)
- (Provided by Ohio EPA, Central Office)

Topographic Base Image Source: ArcGIS Online Services, Access date: 12/26/2012, via ArcGIS v. 10. This image is not for re-sale or distribution outside of the use of this PDF.

0 1 2
Miles

1:100,000

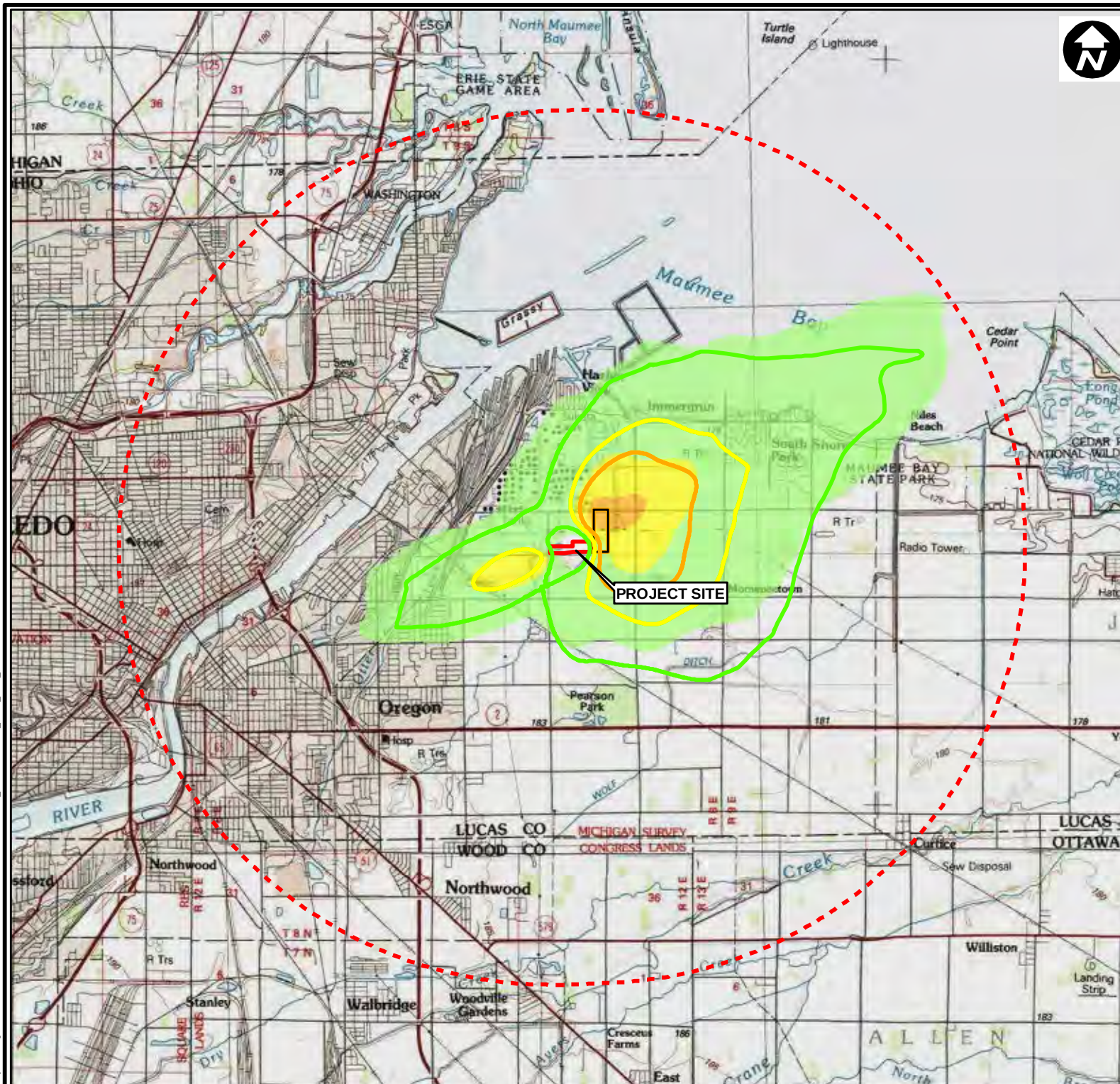
ARCADIS

OREGON CLEAN ENERGY CENTER

FIGURE 06-1

AIR MONITORING STATIONS AND MAJOR SOURCE MAPPING

Lucas County, Ohio | Date: 01/04/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

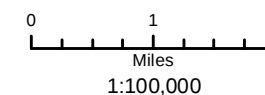
Mitsubishi Annual NO2

- 0.02 - 0.04
- 0.04 - 0.06
- 0.06 - 0.07436

Siemens Annual NO2

- 0.02 - 0.03
- 0.03 - 0.04
- 0.04 - 0.06844

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.

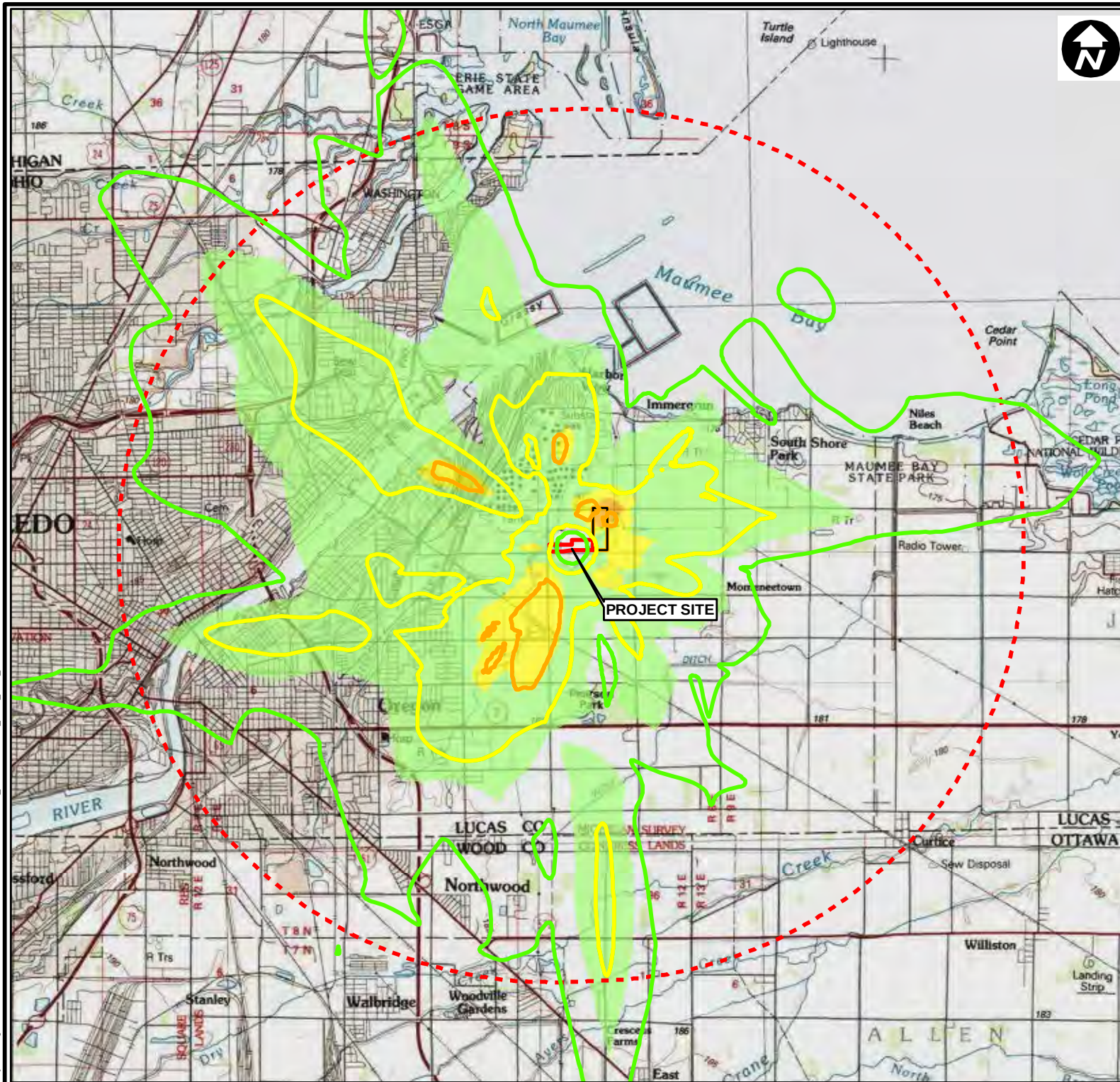


OREGON CLEAN
ENERGY CENTER

FIGURE 06-2

AIR MODELING ISOPLETHS:
ANNUAL NO2

Lucas County, Ohio Date: 01/09/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

Mitsubishi 1-Hour NO₂

- 3 - 4
- 4 - 5
- 5 - 6.58764

Siemens 1-Hour NO₂

- 4 - 5
- 5 - 6
- 6 - 6.95795

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.

0 1 2
Miles
1:100,000



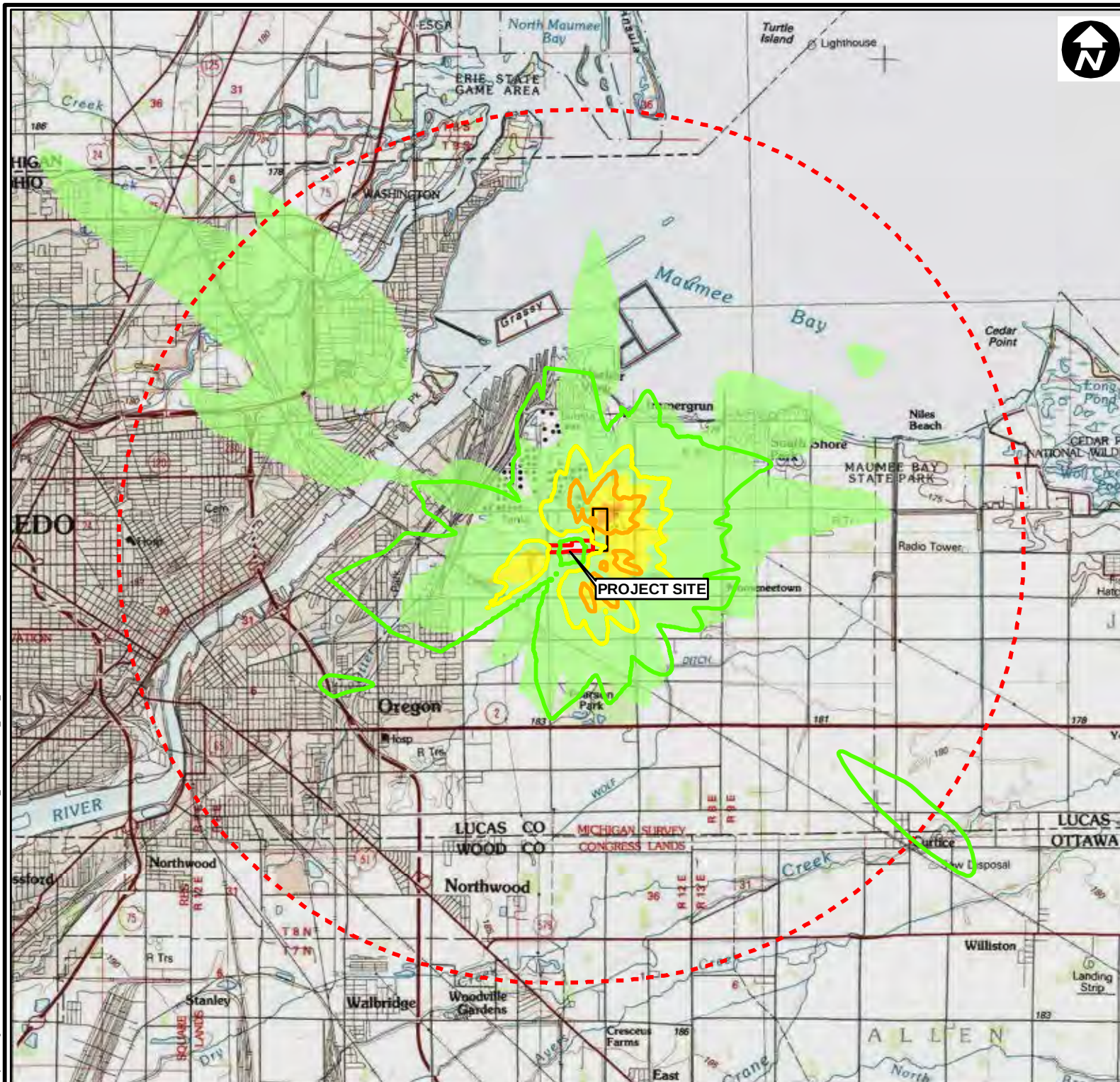
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FIGURE 06-3

AIR MODELING ISOPLETHS:
1-HOUR NO₂

Lucas County, Ohio

Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

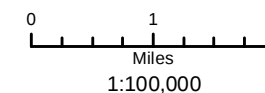
Mitsubishi 8-Hour CO

- 20 - 50
- 50 - 80
- 80 - 109.80346

Siemens 8-Hour CO

- 4 - 7
- 7 - 10
- 10 - 14.83934

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.



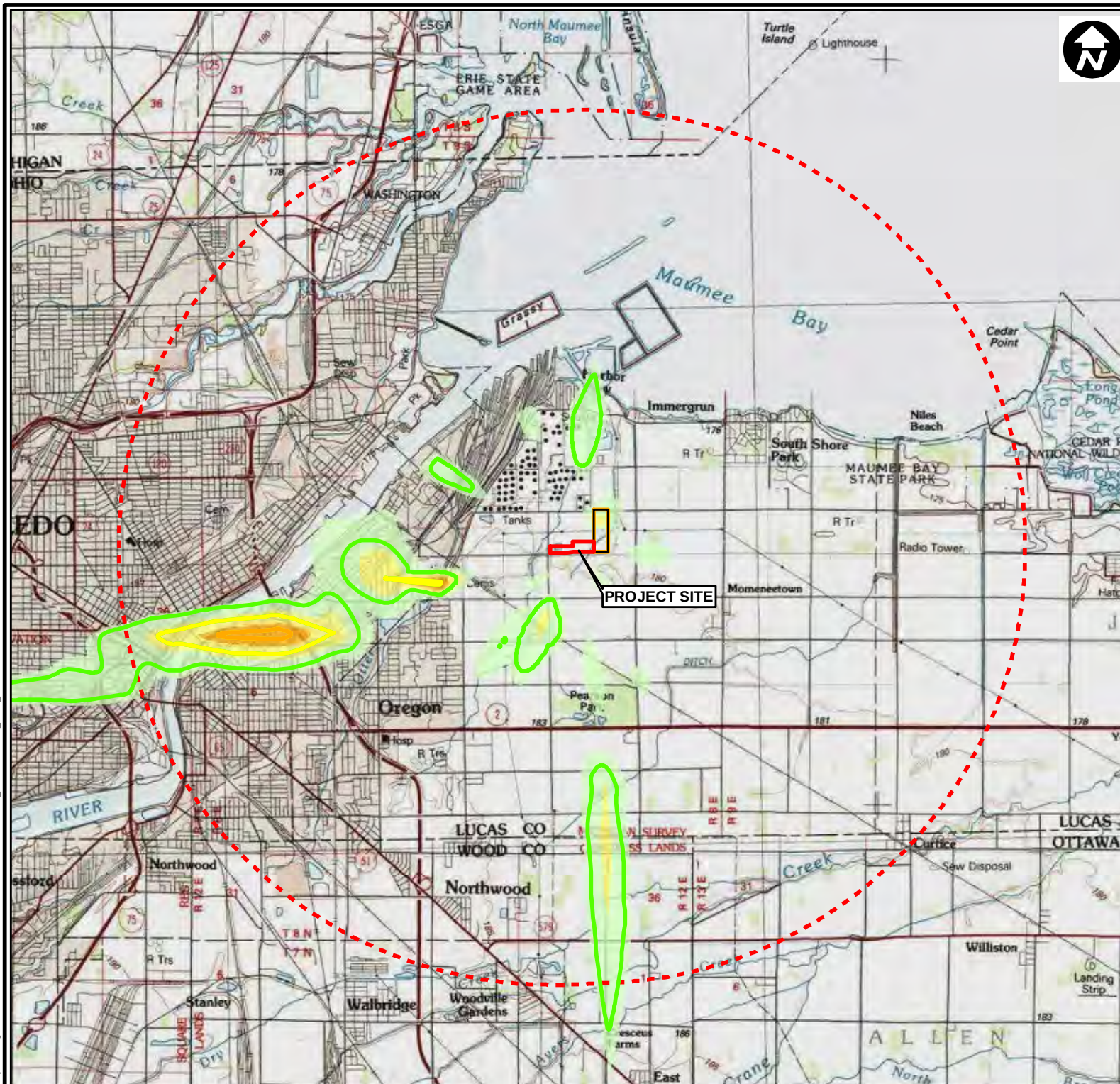
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FIGURE 06-4

**AIR MODELING ISOPLETHS:
8-HOUR CO**

Lucas County, Ohio

Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

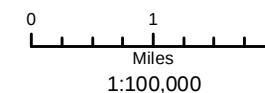
Mitsubishi 1-Hour CO

- 100 - 125
- 125 - 150
- 150 - 172.7191

Siemens 1-Hour CO

- 20 - 25
- 25 - 30
- 30 - 31.78863

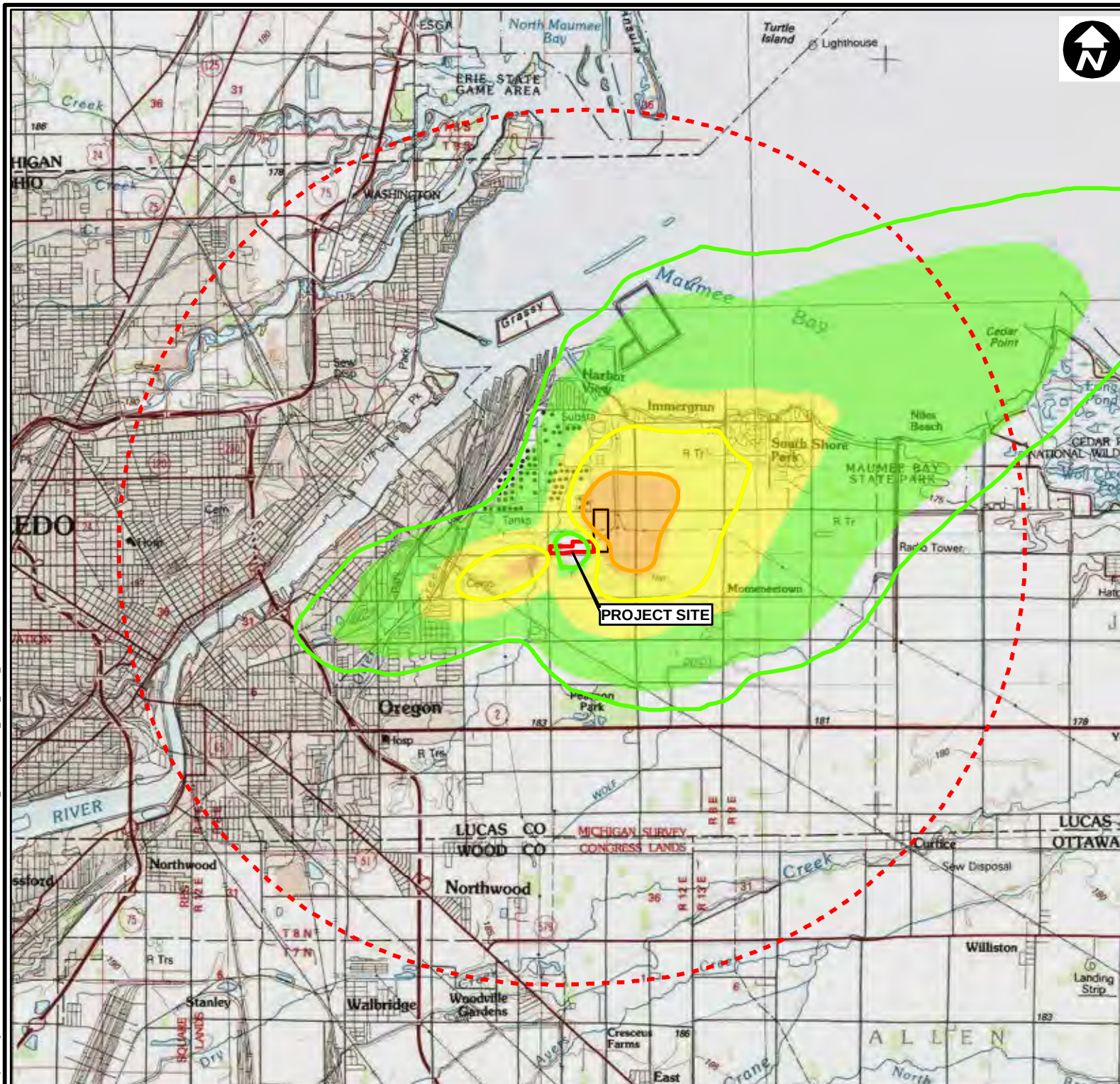
Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.



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**FIGURE 06-5
AIR MODELING ISOPLETHS:
1-HOUR CO**

Lucas County, Ohio | Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

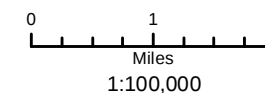
Mitsubishi PM2.5 Annual

- 0.007 - 0.01
- 0.01 - 0.02
- 0.02 - 0.03515

Siemens PM2.5 Annual

- 0.01 - 0.02
- 0.02 - 0.03
- 0.03 - 0.04421

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.



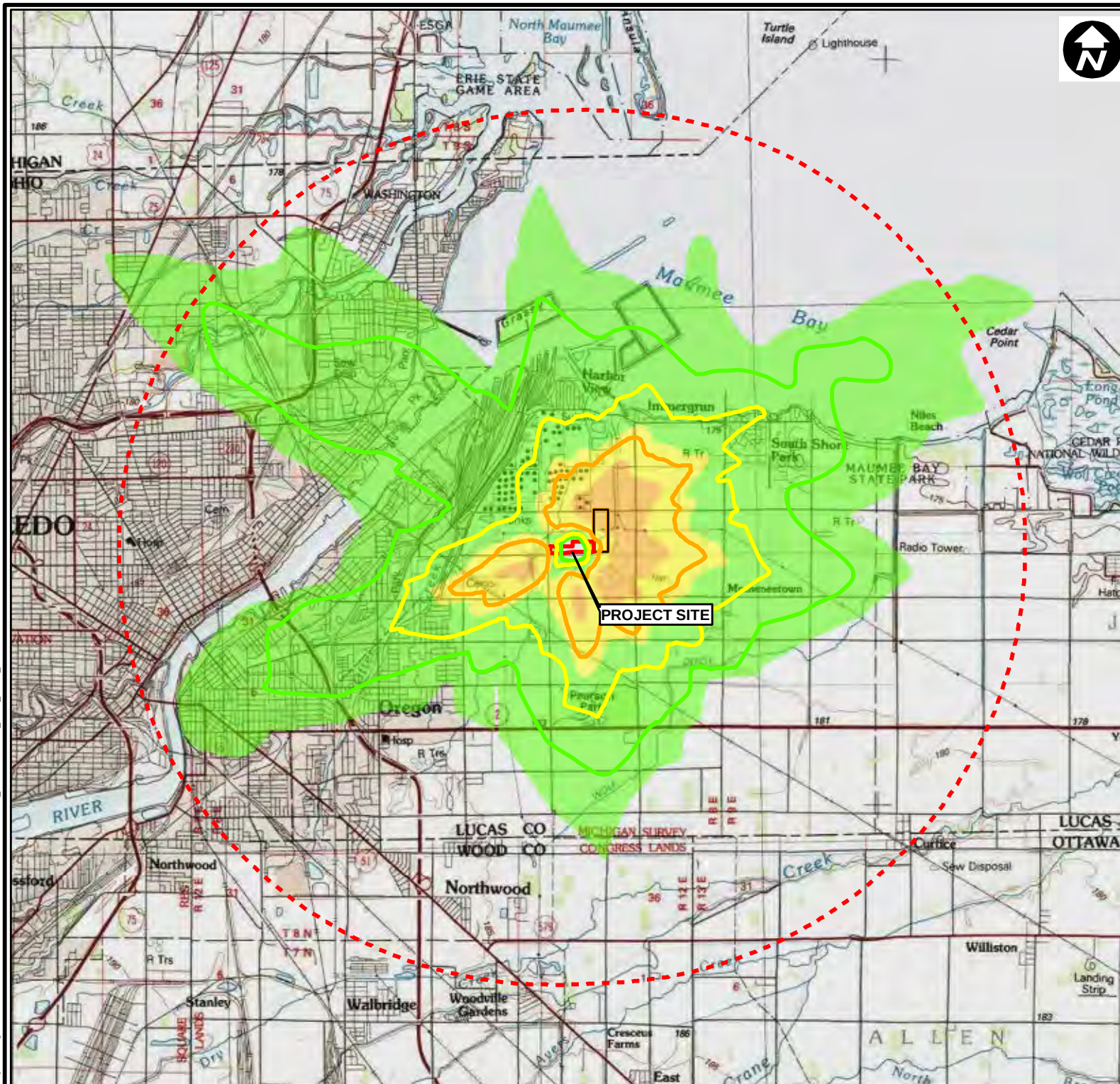
**OREGON CLEAN
ENERGY CENTER**

FIGURE 06-6

**AIR MODELING ISOPLETHS:
ANNUAL PM2.5**

Lucas County, Ohio

Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

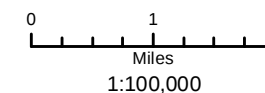
Mitsubishi PM2.5 24hour

- 0.1 - 0.2
- 0.2 - 0.3
- 0.3 - 0.47212

Siemens PM2.5 24hour

- 0.15 - 0.2
- 0.2 - 0.3
- 0.3 - 0.60858

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.

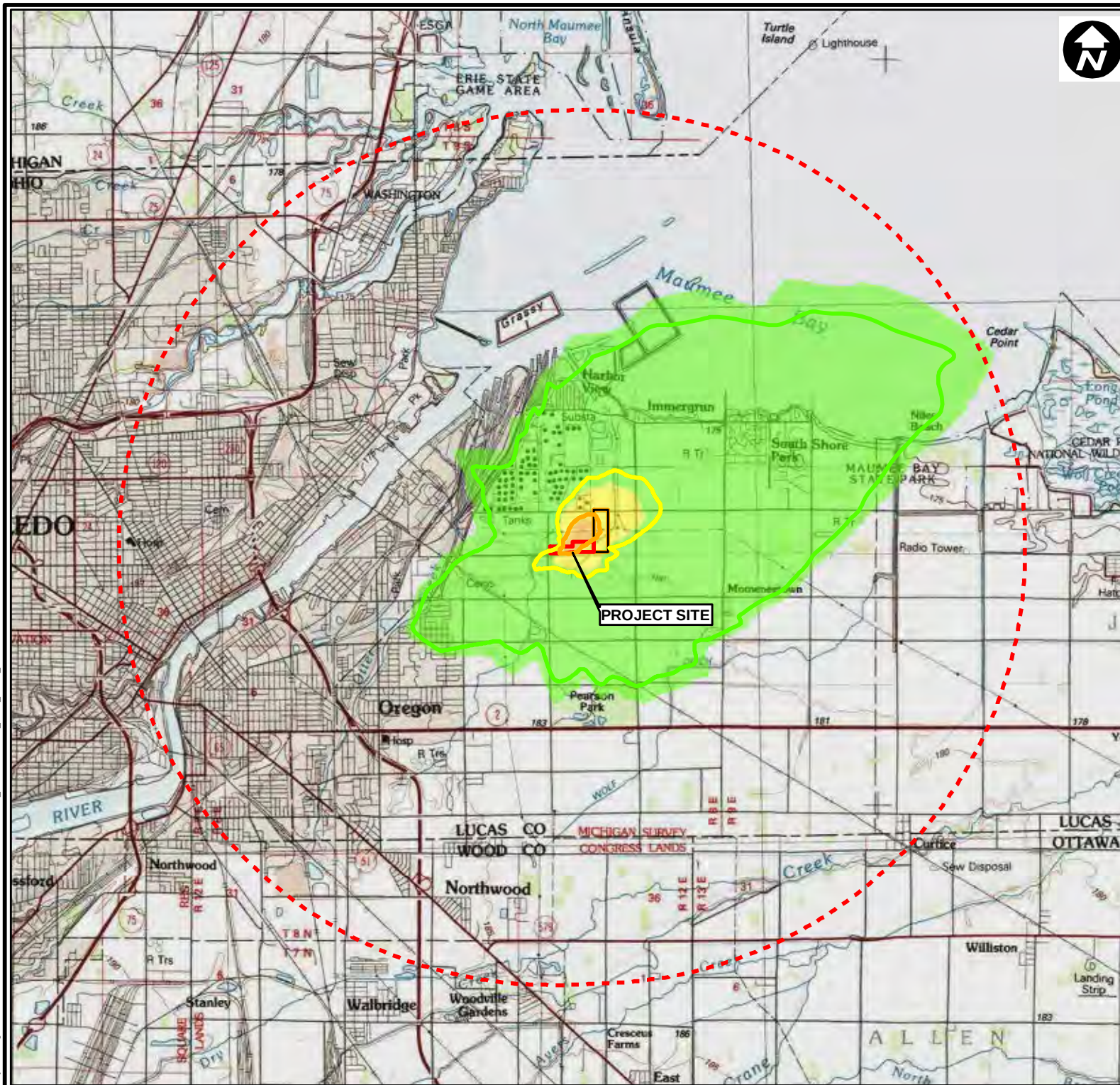


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ENERGY CENTER**

FIGURE 06-7

**AIR MODELING ISOPLETHS:
24-HOUR PM2.5**

Lucas County, Ohio Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

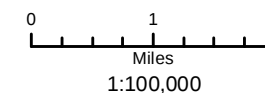
Mitsubishi PM10 Annual

- 0.01 - 0.05
- 0.05 - 0.1
- 0.1 - 0.60449

Siemens PM10 Annual

- 0.015 - 0.05
- 0.05 - 0.1
- 0.1 - 0.58939

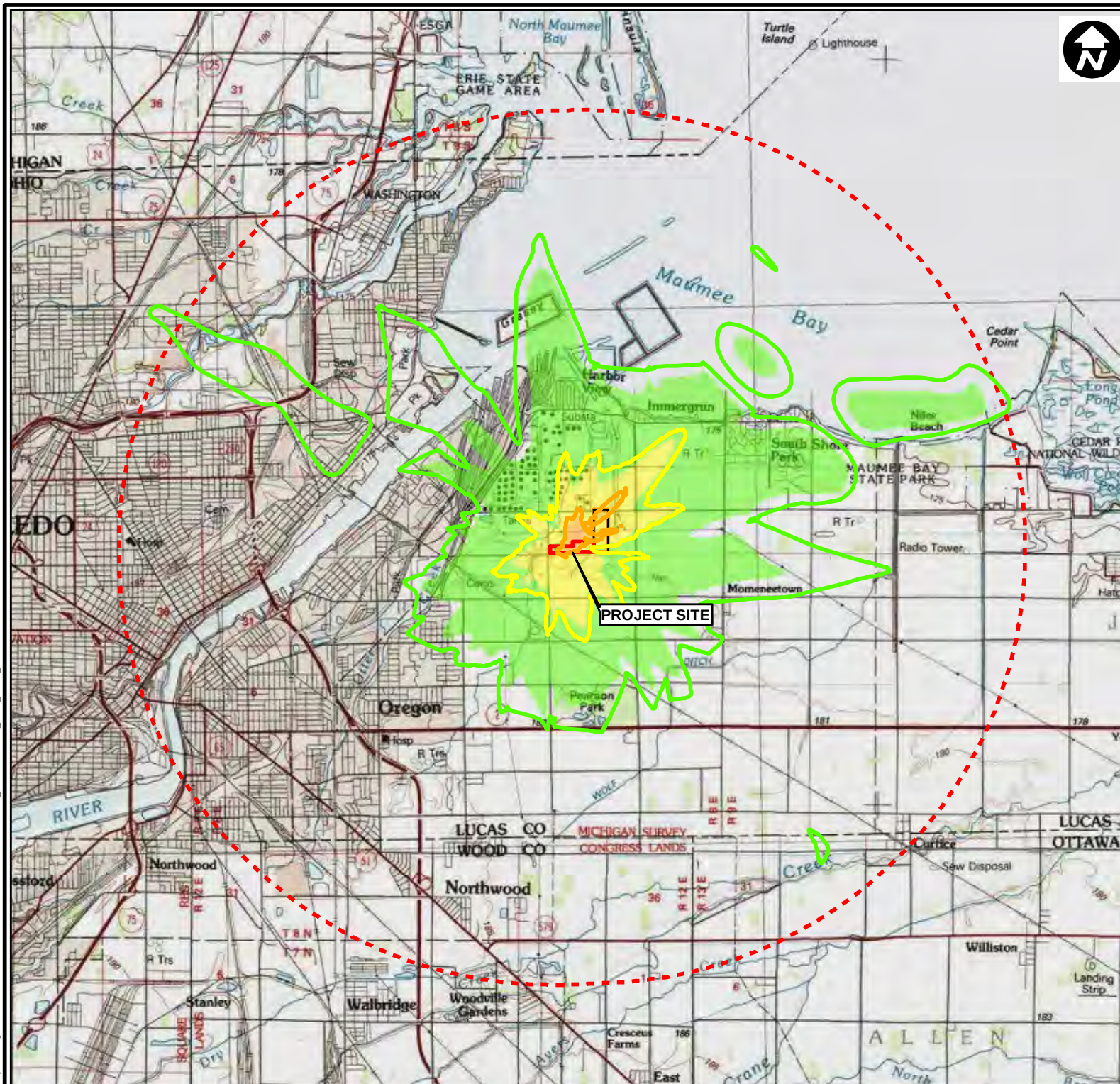
Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.



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**FIGURE 06-8
AIR MODELING ISOPLETHS:
ANNUAL PM10**

Lucas County, Ohio | Date: 01/16/2013



LUCAS COUNTY, OHIO

Legend

- Project Site
- Five-Mile Radius
- Construction Laydown Parcel

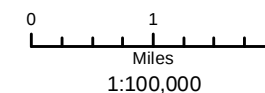
Mitsubishi PM10 24hour

- 0.2 - 0.5
- 0.5 - 1
- 1 - 3.36544

Siemens PM10 24hour

- 0.2 - 0.5
- 0.5 - 1
- 1 - 3.35323

Topographic Base Image Source: ArcGIS Online Services, Access date: 01/04/2013, via ArcGIS v10. This image is not for re-sale or distribution outside of the use of this PDF.



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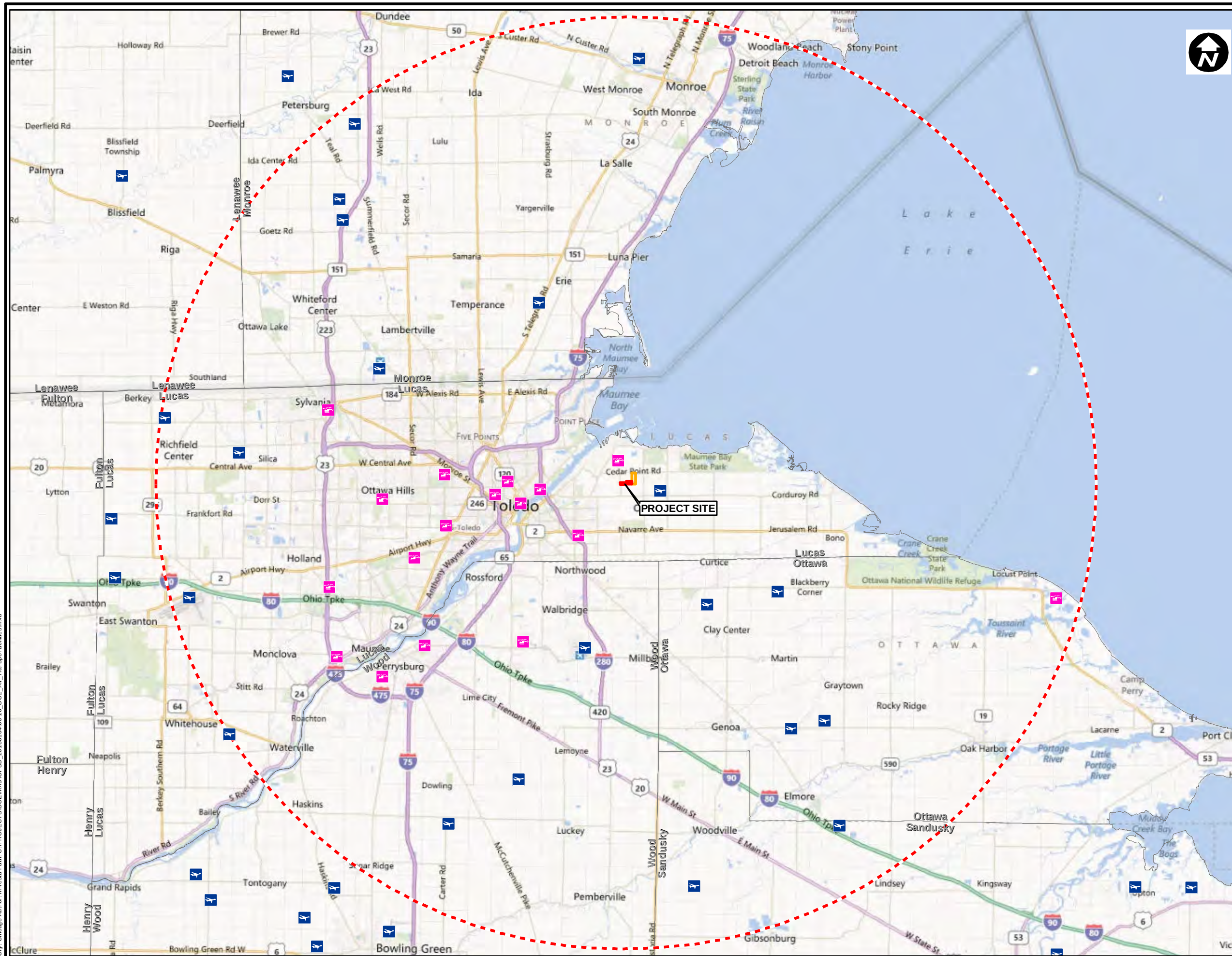
FIGURE 06-9

**AIR MODELING ISOPLETHS:
24-HOUR PM10**

Lucas County, Ohio

Date: 01/16/2013

C:\Chicago\Author\ MNEsta Path\ C:\PROJECT\SOCE\MXD\OPSB_20130104\06-10_OCE_Air_TranspoFacilities.mxd



LUCAS COUNTY, OHIO

Legend

- Project Site
- Twenty-Mile Radius
- Construction Laydown Parcel
- Airport
- Heliport

Aerial Hybrid Base Image Source: ArcGIS Online Services, Access date: 10/15/2012, via ArcGIS v. 10.
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Data Sources:
Airports - Geographic Names Information System.

0 4 8
Miles

1 inch equals 4 miles



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FIGURE 06-10
**AIR TRANSPORTATION
FACILITIES**

Lucas County, Ohio | Date: 01/16/2013

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in

Case No(s). 12-2959-EL-BGN

Summary: Application Section 4906-13-06 Figures electronically filed by Teresa Orahod on behalf of Oregon Clean Energy, LLC